

Patent claims

1. Data communications system (1) with a number of clients (12a, 12b, 12c, 13a, 13b),
characterized in that,
 - 5 - a telephone and/or video conference data processing device (20a) supporting a first data transmission protocol is provided,
 - a data processing device (21) which supports both the first and also a second data transmission protocol is provided,
10 which converts the received data and forwards it to the telephone and/or video conferencing device (20a) in such a way that this data can be used by clients (12a, 12b, 12c, 13a, 13b) supporting both the first and also the second data transmission protocol.
- 15 2. Data communications system (1) in accordance with Claim 1, characterized in that,
the telephone and/or video conference data processing device (20a) and the data processing device (21) are arranged in a computer, especially a server (15a).
- 20 3. Data communications system (1) in accordance with Claim 2,
characterized in that the computer (15a) is a PBX computer.
4. Data communications system (1) in accordance with one of
25 the previous claims,
characterized in that,
the second data transmission protocol is an open, standardized protocol.

5. Data communications system (1) in accordance with Claim 4,
characterized in that,
the second data transmission protocol is an H.323 or
5 H.225/H.245-based protocol or an SIP-based protocol.
6. Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
the first data transmission protocol is a proprietary or
10 generic protocol.
7. Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
the first data transmission protocol is a PCM- or TDM-based
15 protocol.
8. Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
the first and/or the second data transmission protocol is a
20 TCP/IP-based data transmission protocol.
9. Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
clients (12a, 12b, 12c, 13a, 13b) supporting the first data
25 transmission protocol and clients (12a, 12b, 12c, 13a, 13b)
supporting the second data transmission protocol can jointly
hold a telephone and/or video conference with each other
simultaneously by using the telephone and/or video conference
data processing device (20a).
- 30 10. Data communications system (1) in accordance with one of
the previous claims,

characterized in that,
one or more of the clients (12a, 12b, 12c, 13a, 13b) are
connected to an Intranet data network (B).

5 11. Data communications system (1) in accordance with Claim
10,

characterized in that,
one or more of the clients (12a, 12b, 12c, 13a, 13b) are
arranged outside the Intranet data network (B), in particular
are connected to another Intranet data network (A, C).

10 12. Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
the telephone and/or video conference data processing unit
(20a) is connected to the Intranet data network (B).

15 13. Data communications system (1) in accordance with one of
the previous claims,
characterized in that,
a further telephone and/or video conference data processing
device (20b) supporting the first data transmission protocol
20 is provided which can be used instead of the telephone and/or
video conference data processing device (20a).

14. Data communications system (1) in accordance with Claim
13,
characterized in that,
25 the further telephone and/or video conference data processing
device (20b) is connected to the Intranet data network (B), or
that the further telephone and/or video conference data
processing device (20b) is arranged outside the Intranet data
network (B) in particular is connected to the further data
30 network (A, C).

15. Data communications system (1) in accordance with one of

the previous claims,
characterized in that,
an additional telephone and/or video conference data
processing device (8, 18a), supporting the second data
5 transmission protocol is provided, which can be used instead
of the telephone and/or video conference data processing
device (20a).

16. Data communications system (1) in accordance with Claim
15,
10 characterized in that,
the additional telephone and/or video conference data
processing device (18a) is connected to the Intranet data
network (B), or that the additional telephone and/or video
conference data processing device (18a) is arranged outside
15 the Intranet data network (B), in particular is connected to
the further Intranet data network (A, C).

17. Computer (15a), which is set up and embodied such that it
can be used as a computer (5, 15a, 25) in a data
communications system (1) in accordance with one of the Claims
20 2 to 19,

- which features a telephone and/or video conference data
processing device (20a) supporting a first data
transmission protocol, and
- which features a data processing device (21) supporting
25 both the first, and also a second data transmission
protocol, which converts the received data and forwards it
to the telephone and/or video conference data processing
device (20a) such that this data can be used by clients
(12a, 12b, 12c, 13a, 13b) supporting both the first and
30 also the second data transmission protocol.

18. Data communication method for use in a data
communications system (1), especially a system in accordance

with

one of the Claims 1 to 19, with a number of clients (12a, 12b, 12c, 13a, 13b),

characterized in that,

5 a telephone and/or video conference data processing device (20a) supporting a first data transmission protocol is provided, and

that a data processing device (21) supporting both the first, and also a second data transmission protocol is provided,

10 where the method features the steps:

- Conversion of received data by the data processing device (21), and
- Forwarding of the data to the telephone and/or video conference data processing device (20a) such that this can
15 be used by clients (12a, 12b, 12c, 13a, 13b) supporting both the first and also the second data transmission protocol.